LALS GUNS AND AMMUNITION ACTIVE AIRBORNE WEAPONS CORRECTIVE ACTION PROGRAM

TABLE OF CONTENTS

PROBLEM		PAGE
NUMBER	DESCRIPTION	NUMBER
	INDEXES	
	EQUIPMENT INDEX	
	ACTION INDEX	iii
	ORIGINATORS INDEX	iv
	DUE DATE SUMMARY	v
	PROBLEMS	
13973	FLEXIBLE DRIVE SHAFT SEPARATED	1
16374	LOAD/UNLOAD SHAFT BROKEN	3
16861	COUNTER DISPLAYS IMPROPER COUNT	5
16906*	CONVEYOR CHUTE LINK ASSEMBLY SPREADING	7
16921	EMR/ENVIRONMENTAL SEAL DAMAGED	9
16922	EXPENDED BRASS JAMMED IN AMMUNTION CONVEYOR	11
16985*	BROKEN ELEMENT	12
16994	LALS II GUIDE BAR BENT	13

NOTE: OPEN problems denoted by asterisk (*) following problem number.

LALS GUNS AND AMMUNITION ACTIVE AIRBORNE WEAPONS CORRECTIVE ACTION PROGRAM

PROBLEM NO: 13973 CLOSED

NOMENCLATURE PART/DOC. NO. FSC NIIN NALC

END ITEM : FLEX DRIVE SHAFT 029294-1 1680 01-428-5729 LALS MHU-130 798E532 1730 01-063-7565

EI CNTRL NO:

PROB BRIEF: FLEXIBLE DRIVE SHAFT SEPARATED

PROBLEM: Flexible drive shaft outer casing separated, leaving a gap and

DESCRIPTION exposing inner core.

PREVENTIVE: Adhere to inspection criteria.

ACTION

CORRECTIVE: Flexible drive shaft replaced.

ACTION

SOURCE TYPE DOCUMENT NO. DATE DR STATUS OCCURRENCES: MALS-11 HMR/EIR M09111-01-0029 29AUG01 CLOSED VFA-131 CODR R63934-97-0043 29SEP97 CLOSED * VFA-22 CODR R09561-96-0018 14FEB96 CLOSED * R63925-90-0039 07MAR90 CLOSED * VFA-147 EMR

* ACTION REPORTED IN PREVIOUS PUBLICATION

ACTION: MALS-11 HMR/EIR M09111-01-0029 29AUG01 CLOSED

PART/DOC. NO. FSC NIIN NALC

END ITEM : 029294-1 1680 01-428-5729

NOMEN: FLEX DRIVE SHAFT

S/N: UNKNOWN

FAILED PART: 029294-1 1680 01-428-5729

NOMEN: FLEX DRIVE SHAFT

DESCRIPTION:

It was reported while performing a receipt inspection a flex drive unit was found to be defective.

ACTION TAKEN:

NAWC PT. MUGU 040129ZSEP01: Request MALS-11 repair deficiency reported in this report and return it to service. This is a one time occurrence and does not require an investigation. This problem will be monitored for further occurrence. This is closing action.

ACTION : ACTIVITY/CODE ASSIGNMENT DUE DATE STATUS

SUMMARY NAWC PT MUGU/311000E MONITOR COMPLETE 04SEP01

LALS GUNS AND AMMUNITION ACTIVE AIRBORNE WEAPONS CORRECTIVE ACTION PROGRAM

PROBLEM NO: 13973 (Continued)

REFERENCES : IDENTIFICATION

REFERENCE BRIEF MALS-11 MESSAGE 292316ZAUG01 NAWC PT MUGU/311000E MESSAGE PROBLEM REPORT REPLY/CLOSING

040129ZSEP01

LALS GUNS AND AMMUNITION ACTIVE AIRBORNE WEAPONS CORRECTIVE ACTION PROGRAM

PROBLEM NO: 16374 CLOSED

		NOMENCLATURE	PART/DOC. NO.	FSC	NIIN	NALC
END ITEM	:	TRANSPORTER	209F929	1730	00-106-8474	
		LOADER AMMUNITION II	3141AS798-1	4925	01-414-0450	
		LALS	3141AS799-1	4925	01-414-0450	

EI CNTRL NO:

PROB BRIEF: LOAD/UNLOAD SHAFT BROKEN

PROBLEM: Load/unload shaft found broken during preparation inspection.

DESCRIPTION

PREVENTIVE: No preventive action has been determined.

ACTION

CORRECTIVE: Only corrective action is to replace broken/cracked/damaged parts.

ACTION

	SOURCE	TYPE	DOCUMENT NO.	DATE	DR STATUS
OCCURRENCES:	NWTS PT MUGU	CODR	N39788-01-0081	31JUL01	CLOSED
	USS EISENHOWER	CODR	V03369-99-0001	26JUL99	CLOSED *
	(CVN-69)				
	VF-14	CODR	V09084-98-0010	17JUN98	CLOSED *
	NAS FALLON	CODR	N60495-97-0011	140CT97	CLOSED *
	NAS FALLON	CODR	N60495-97-0012	140CT97	CLOSED *
	NAS FALLON	CODR	N60495-97-0013	140CT97	CLOSED *

* ACTION REPORTED IN PREVIOUS PUBLICATION

ACTION: NWTS PT MUGU CODR N39788-01-0081 31JUL01 CLOSED

PART/DOC. NO. FSC NIIN NALC

END ITEM : 3141AS798-1 4925 01-414-0450

NOMEN: LOADER AMMUNITION II

s/N: SKN-0113

LOT: 4925-01-414-0450

FAILED PART: 3141AS798-1 4925 01-414-0450

NOMEN: LOADER AMMUNITION II

DESCRIPTION:

It was reported while manually cycling the M61A1 system loading aircraft an audible pop was heard. Investigation revelled the Loader/Unloader gear shaft in the aircraft interface unit was broken.

ACTION TAKEN:

NAWC PT. MUGU 070329ZAUG01: Would like to reiterate that proper procedures must be follow during LALS operation to prevent damage to unit. This problem will be monitored for further occurrences. This is closing action.

LALS GUNS AND AMMUNITION ACTIVE AIRBORNE WEAPONS CORRECTIVE ACTION PROGRAM

PROBLEM NO: 16374 (Continued)

ACTION : ACTIVITY/CODE ASSIGNMENT DUE DATE STATUS

SUMMARY NAWC PT MUGU/311000E REVIEW DEFICIENCY COMPLETE 07AUG01

REFERENCES: IDENTIFICATION REFERENCE BRIEF

NWTS PT MUGU MESSAGE 311915ZJUL01 PROBLEM REPORT NAWC PT MUGU/311000E MESSAGE REPLY/CLOSING

070329ZAUG01

LALS GUNS AND AMMUNITION ACTIVE AIRBORNE WEAPONS CORRECTIVE ACTION PROGRAM

PROBLEM NO: 16861 CLOSED

NOMENCLATURE PART/DOC. NO. FSC NIIN NALC

END ITEM : COUNTER RE-SETTER 3305AS4041 6680 01-426-2672

EI CNTRL NO:

PROB BRIEF: COUNTER DISPLAYS IMPROPER COUNT

PROBLEM: Impropr count shows on display.

DESCRIPTION

PREVENTIVE: No preventive action has been determined.

ACTION

CORRECTIVE: No corrective action has been determined.

ACTION

SOURCE TYPE DOCUMENT NO. DATE DR STATUS

OCCURRENCES: MALS-11 EIR M09111-00-0036 30AUG00 CLOSED

ACTION : MALS-11 EIR M09111-00-0036 30AUG00 CLOSED

PART/DOC. NO. FSC NIIN NALC

END ITEM : 3305AS4041 6680 01-426-2672

NOMEN: COUNTER RE-SETTER

s/N: NONE

FAILED PART: 3305AS4041 6680 01-426-2672

NOMEN: COUNTER RE-SETTER

DESCRIPTION:

During routine maintenance cycle, it was noted that four out of eight LALS Replenisher Resettable Counters would not display correct rounds count.

ACTION TAKEN:

NAWC PT. MUGU 1103ZSEP00: Request MALS-11 repair and return to service. NAWC Pt. Mugu take for action and report findings to all concerned

NAWC PT. MUGU 050429ZFEB01: NAWC Pt. Mugu has incorporated the procedures provided by MALS-11 into the NAVAIR 19-1-269 Intermediate Operation and Maintenance Instruction dated 15 June 1996 Change 2-15 December 2000. Problem will be monitored for further occurrences. This is closing action.

ACTION: ACTIVITY/CODE ASSIGNMENT DUE DATE STATUS

SUMMARY NAWC PT MUGU/311000E REVEIW DEFICIENCY COMPLETE 05FEB01

LALS GUNS AND AMMUNITION ACTIVE AIRBORNE WEAPONS CORRECTIVE ACTION PROGRAM

PROBLEM NO: 16861 (Continued)

REFERENCES : IDENTIFICATION

REFERENCE BRIEF MALS-11 E-MAIL 30AUG00 PROBLEM REPORT NAWC PT MUGU/311000E MESSAGE INTERIM RESPONSE 110329ZSEP00

NAWC PT MUGU/311000E MESSAGE

050429ZFEB01

REPLY/CLOSING

LALS GUNS AND AMMUNITION ACTIVE AIRBORNE WEAPONS CORRECTIVE ACTION PROGRAM

PROBLEM NO: 16906 OPEN

NOMENCLATURE PART/DOC. NO. FSC NIIN NALC

END ITEM : LINK ASSEMBLY S207147-151 4010 01-438-3959

EI CNTRL NO:

PROB BRIEF: CONVEYOR CHUTE LINK ASSEMBLY SPREADING

PROBLEM: The conveyor chute link assembly is spreading.

DESCRIPTION

PREVENTIVE: No preventive action has been determined.

ACTION

CORRECTIVE: No corrective action has been determined.

ACTION

SOURCE TYPE DOCUMENT NO. DATE DR STATUS

OCCURRENCES: NAS LEMOORE AIMD CODR N44321-00-0144 28DEC00 OPEN

ACTION: NAS LEMOORE AIMD CODR N44321-00-0144 28DEC00 OPEN

PART/DOC. NO. FSC NIIN NALC

END ITEM : S207147-151 4010 01-438-3959

NOMEN: LINK ASSEMBLY

S/N: N/A

FAILED PART: S207147-151 4010 01-438-3959

NOMEN: LINK ASSEMBLY

DESCRIPTION:

It was reported that bent guide fingers on chuting attached to the entrance end fittings assembly were discovered. Additionally, the element slots are stretched out of limits causing elements out of track condition resulting in jamming the system.

ACTION TAKEN:

NAWC PT. MUGU 180129ZJAN01: Request NAS Lemoore repair system and return to service. Ship damaged assemblies to NAWC Pt. MUGU for investigation.

NAWC PT. MUGU 030129ZAPR01: Engineering Investigation conclusions were the damaged reported by NAS Lemoore AIMD is the same or similar to damaged reported by other fleet activities. Based on experience gained from testing and observed field testing of both Navy and Air Force LALS units, the damaged appears to have been caused by improper Element tensioning. The CFA would like to reiterate the important of proper Element tension during both loading and replenishment operations. Both (upper and lower) Chutes need to be tensioned so the Element chain is stretched to it's limits and equal tension is applied in both chutes. Use of the declutch button during

LALS GUNS AND AMMUNITION ACTIVE AIRBORNE WEAPONS CORRECTIVE ACTION PROGRAM

PROBLEM NO: 16906 (Continued)

stretching of chuting (after timing pins are disengaged) is essential. Failure to properly tension chuting typically results in this damage. It is recommended that training be conducted to ensure proper chute tensioning procedures are being followed Weapons and Squadron level. Problem will be monitored for further occurrences. This is closing action.

ACTION: ACTIVITY/CODE ASSIGNMENT DUE DATE STATUS

SUMMARY NAWC PT MUGU/311000E REVIEW DEFICIENCY COMPLETE 03APR01

REFERENCES: IDENTIFICATION REFERENCE BRIEF

NAS LEMOORE AIMD MESSAGE 280609ZDEC00 PROBLEM REPORT
NAWC PT MUGU/311000E MESSAGE INTERIM RESPONSE

NAWC PT MUGU/311000E MESSAGE 180129ZJAN01

NAWC PT MUGU/311000E MESSAGE REPLY/CLOSING

030129ZAPR01

LALS GUNS AND AMMUNITION ACTIVE AIRBORNE WEAPONS CORRECTIVE ACTION PROGRAM

PROBLEM NO: 16921 CLOSED

I

NOMENCLATURE PART/DOC. NO. FSC NIIN NALC

END ITEM : SEAL, DOOR, EMR AND 3305AS337-1 5330 01-428-7191

ENVIRONMENTAL

EI CNTRL NO:

PROB BRIEF : EMR/ENVIRONMENTAL SEAL DAMAGED

PROBLEM: Failed receipt inspection.

DESCRIPTION

PREVENTIVE : None.

ACTION

CORRECTIVE : None.

ACTION

SOURCE TYPE DOCUMENT NO. DATE DR STATUS

OCCURRENCES: USS HARRY S. TRUMAN CODR V21853-01-0017 24MAR01 CLOSED

(CVN - 75)

USS HARRY S. TRUMAN CODR V21853-01-0013 10MAR01 CLOSED

(CVN-75)

ACTION: USS HARRY S. TRUMAN CODR V21853-01-0017 24MAR01 CLOSED

(CVN-75)

PART/DOC. NO. FSC NIIN NALC

END ITEM : 3305AS337-1 5330 01-428-7191

NOMEN: SEAL, DOOR, EMR AND ENVIRONMENTAL

S/N: NONE

FAILED PART: 3305AS337-1 5330 01-428-7191

NOMEN: SEAL, DOOR, EMR AND ENVIRONMENTAL

DESCRIPTION:

USS Truman reported while conducting a receipt inspection inspectors found a ripped Environmental seal on the forward door. Unit has been repaired and return to service.

ACTION TAKEN:

NAWC PT. MUGU 280129ZMAR01: Concur with action taken. Problem entered for tracking purposes only. This problem will be monitor for further occurrences. This is closing action.

ACTION: ACTIVITY/CODE ASSIGNMENT DUE DATE STATUS

SUMMARY NAWC PT MUGU/311000E REVIEW DEFICIENCY COMPLETE 28MAR01

LALS GUNS AND AMMUNITION ACTIVE AIRBORNE WEAPONS CORRECTIVE ACTION PROGRAM

PROBLEM NO: 16921 (Continued)

REFERENCES : IDENTIFICATION REFERENCE BRIEF

USS HARRY S. TRUMAN (CVN-75) MESSAGE PROBLEM REPORT

241052ZMAR01

NAWC PT MUGU/311000E MESSAGE REPLY/CLOSING

280129ZMAR01

ACTION: USS HARRY S. TRUMAN CODR V21853-01-0013 10MAR01 CLOSED

(CVN-75)

PART/DOC. NO. FSC NIIN NALC

END ITEM : 3305AS337-1 5330 01-428-7191

NOMEN: SEAL, DOOR, EMR AND ENVIRONMENTAL

S/N: SKN-089

FAILED PART: 3305AS337-1 5330 01-428-7191

NOMEN: SEAL, DOOR, EMR AND ENVIRONMENTAL

DESCRIPTION:

USS Truman reported while conducting a receipt inspection, inspectors found a ripped Environmental seal on the forward door.

Unit has been repaired and return to service.

ACTION TAKEN:

NAWC PT. MUGU 120129ZMAR01: Concur with action taken. Problem has been entered for tracking purposes only. This problem will be monitor for further occurrences. This is closing action.

ACTION: ACTIVITY/CODE ASSIGNMENT DUE DATE STATUS

SUMMARY NAWC PT MUGU/311000E REVIEW DEFICIENCY COMPLETE 12MAR01

REFERENCES: IDENTIFICATION REFERENCE BRIEF

USS HARRY S. TRUMAN (CVN-75) MESSAGE PROBLEM REPORT

101100ZMAR01

NAWC PT MUGU/311000E MESSAGE REPLY/CLOSING

120129ZMAR01

LALS GUNS AND AMMUNITION ACTIVE AIRBORNE WEAPONS CORRECTIVE ACTION PROGRAM

PROBLEM NO: 16922 CLOSED

EI CNTRL NO:

PROB BRIEF: EXPENDED BRASS JAMMED IN AMMUNTION CONVEYOR

PROBLEM: Ammuntion conveyor was jammed with expended brass.

DESCRIPTION

PREVENTIVE: No preventive action has been determined.

ACTION

CORRECTIVE: No corrective action has been determined.

ACTION

SOURCE TYPE DOCUMENT NO. DATE DR STATUS
OCCURRENCES: NSAWC FALLON CODR N69190-01-0020 01MAR01 CLOSED

ACTION: NSAWC FALLON CODR N69190-01-0020 01MAR01 CLOSED

PART/DOC. NO. FSC NIIN NALC

END ITEM :

LOT: N/A

FAILED PART: 3141AS798-1 4925 01-414-0450

NOMEN: LOADER AMMUNITION II

DESCRIPTION:

It was reported that while down loading brass of expended 20MM rounds from M61A1 gun using A/E32K-7 LALS, brass rounds caused gun jam between transfer unit and LALS aircraft interface unit. Expended brass traveled passed unload gate and jammed behind load gate of gun transfer unit.

ACTION TAKEN:

NAWC PT. MUGU 270229ZMAR01: This incident is considered to be a onetime occurrence and no further action is planned at this time. Request NAS Fallon repair gun system and ammunition loader to Ready For Issue service. Problem will be monitored for further occurrences. This is closing action.

ACTION : ACTIVITY/CODE ASSIGNMENT DUE DATE STATUS

SUMMARY NAWC PT MUGU/311000E REVIEW DEFICIENCY COMPLETE 27MAR01

REFERENCES : IDENTIFICATION REFERENCE BRIEF

NSAWC FALLON MESSAGE 011225ZMAR01 PROBLEM REPORT
NSAWC FALLON MESSAGE 091225ZMAR01 REPORT/CORRECTED
NAWC PT MUGU/311000E MESSAGE REPLY/CLOSING

270229ZMAY01

LALS GUNS AND AMMUNITION ACTIVE AIRBORNE WEAPONS CORRECTIVE ACTION PROGRAM

PROBLEM NO: 16985 OPEN

NOMENCLATURE PART/DOC. NO. FSC NIIN NALC

END ITEM : LOADER AMMUNITION II 3141AS798-1 4925 01-414-0450

EI CNTRL NO:

PROB BRIEF : BROKEN ELEMENT

PROBLEM: Broken element.

DESCRIPTION

PREVENTIVE: No preventive action has been determined.

ACTION

CORRECTIVE: No corrective action has been determined.

ACTION

SOURCE TYPE DOCUMENT NO. DATE DR STATUS

OCCURRENCES: VMFA(AW)-225 CODR M09232-01-0030 13AUG01 OPEN

ACTION: VMFA(AW)-225 CODR M09232-01-0030 13AUG01 OPEN

PART/DOC. NO. FSC NIIN NALC

END ITEM : 3141AS798-1 4925 01-414-0450

NOMEN: LOADER AMMUNITION II

S/N: NONE

FAILED PART: 3141AS798-1 4925 01-414-0450

NOMEN: LOADER AMMUNITION II

S/N: NONE

DESCRIPTION:

During loading operations a link in the chute snapped in half prior to entering the interface unit. Broken link and chute retained by MALS-11.

ACTION TAKEN:

NAWC PT. MUGU 160329ZAUG01: During phone conversation between NAWC Pt. Mugu and Fleet Weapons Support Team Representative the following statement was clarified: broken link was actually a broken element. MALS-11 hold exhibits for investigation. Results will be provide to all concerned upon completion of this investigation.

ACTION: ACTIVITY/CODE ASSIGNMENT DUE DATE STATUS
SUMMARY NAWC PT MUGU/311000E INVESTIGATE 12NOV01 OPEN

REFERENCES : IDENTIFICATION REFERENCE BRIEF

VMFA(AW)-225 MESSAGE 131444ZAUG01 PROBLEM REPORT NAWC PT MUGU/311000E MESSAGE INTERIM RESPONSE

160329ZAUG01

LALS GUNS AND AMMUNITION ACTIVE AIRBORNE WEAPONS CORRECTIVE ACTION PROGRAM

PROBLEM NO: 16994 CLOSED

NOMENCLATURE PART/DOC. NO. FSC NIIN NALC

END ITEM : GUIDE ASSY, NOSE, UNLOAD 029249-1 8140 01-428-5835

EI CNTRL NO:

PROB BRIEF: LALS II GUIDE BAR BENT

PROBLEM: The guide bar was bent on a LALS II.

DESCRIPTION

PREVENTIVE: No preventive action has been determined.

ACTION

CORRECTIVE: No corrective action has been determined.

ACTION

SOURCE TYPE DOCUMENT NO. DATE DR STATUS

OCCURRENCES: MALS-11 EIR M09111-01-0030 30AUG01 CLOSED

ACTION: MALS-11 EIR M09111-01-0030 30AUG01 CLOSED

PART/DOC. NO. FSC NIIN NALC

END ITEM : 029249-1 8140 01-428-5835

NOMEN: GUIDE ASSY, NOSE, UNLOAD

S/N: NONE

FAILED PART: 029249-1 8140 01-428-5835

NOMEN: GUIDE ASSY, NOSE, UNLOAD

DESCRIPTION:

During loading and unloading operation a guide bar was found to be bent.

ACTION TAKEN:

NAWC PT. MUGU 100329ZSEP01: Request MALS-11 repair the deficiency reported in this problem and return the unit to service. This is a one time occurrence and does not require an investigation. This problem will be monitored for further occurrences. This is closing action.

ACTION : ACTIVITY/CODE ASSIGNMENT DUE DATE STATUS

SUMMARY NAWC PT MUGU/311000E MONITOR COMPLETE 10SEP01

REFERENCES: IDENTIFICATION REFERENCE BRIEF

MALS-11 MESSAGE/EI WEB SITE PROBLEM REPORT

301558ZAUG01

NAWC PT MUGU/311000E MESSAGE REPLY/CLOSING

100329ZSEP01